# Bay Area Traffic Congestion is Only Getting Worse

## **High-Speed Trains Offer Bay Area Travelers:**

- A new transportation option
- A faster option to the Central Valley and Southern California
- A better option for the environment



SIMULATION ARTWORK: N3C

- "There is no other single project that can combat global warming, move people fast, create good-paying jobs and unclog our freeways."
  - Assemblymember Fiona Ma

## California High-Speed Train Proposed Route

#### The Problem

- Traffic congestion costs California \$20 billion per year in wasted fuel and lost time.
- SFO and other California airports are predicting "unacceptable delays" and will need 90 new gates and five new runways just to accommodate trips between California's major metropolitan areas with virtually no room to accommodate future expansion.
- California's population will grow to 50 million people in 20 years. Already, California has three of the top five most congested urban areas in the United States—Los Angeles, the San Francisco Bay Area and San Diego.



Visalia/Tulare/Han (potential)



"It is essential for the economic future of the Bay Area as well as the future of the state in terms of its competiveness. This is a vision that we can manifest in our lifetime. Let's get moving, let's build this high-speed train."

— San Francisco Mayor Gavin Newsom

San Francisco Los Angeles

2.5 hours

San Francisco San Jose

30 minutes

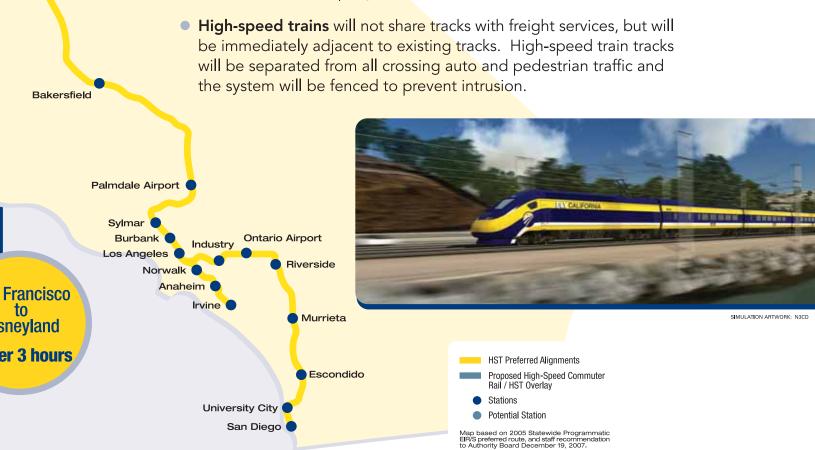
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### The Solution: High-Speed Trains

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- High-speed trains will remove millions of passenger trips from our highways every year and attract millions of airline passengers to reduce airport delays.
- High-speed trains will reduce traffic on freeways by creating highspeed options for long-distance travelers, separated freight movement and enhanced local commuter transit.
- High-speed trains use 1/3 the energy of air travel and 1/5 the energy of auto travel.
- High-speed trains will eliminate over 12 billion pounds of the greenhouse gas emissions that cause global warming each year. That's equivalent to removing more than one million vehicles from our roads annually.
- High-speed trains will reduce dependence on foreign oil by up to 12.7 million barrels per year.





Examples of High-Speed Train Travel Times	
Travel Route	Travel Time hours : minutes
San Francisco to Los Angeles	2:38
San Francisco to Anaheim	2:57
San Francisco to Ontario	3:02
San Francisco to San Diego	3:56
San Jose to Merced	:45
San Jose to Fresno	:51
San Jose to Bakersfield	1:20
San Jose to Palmdale	1:47

## "Using steel wheels on steel track reduces friction and is energy-efficient compared with rubber tires on freeways

or airplanes flying in the wind."

#### Oliver Hauck,

Siemens Transportation Systems

The Stockton Record, September 17, 2007

With voter approval of the highspeed train bond in November 2008, construction is likely to begin as early as 2011 on a statewide system of high-speed trains.





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